

YOUNG ENTREPRENEURS,

Yesterday, M. Pierre Marc Johnson, premier of Quebec, outlined an important project designated "Corporation d'investissement jeunesse." The goal of this organization is to gain the support of the business sector in the creation of new enterprises by individuals under thirty years of age. This category of entrepreneurs usually faces much difficulty in obtaining the necessary bank credit to establish a business due to the high risk they represent to financial institutions.

The other key aspect of the program is the creation of a youth investment fund supplied by donations from existing institutions to provide the necessary aid for young entrepreneurs. The anticipated

goal has been set at five million dollars.

Several well known representatives from the business sector will join M. Johnson in defining the exact terms of the project. Accepting seats on the C.I.J. committee are such prestigious individuals as Paul Desmarais, president of Power corporation, Pierre Peladeau, president of Quebecor, Laurent Beaudoin of Bombardier, Bernard Lamaube of Lavallin and Pierre Laurin of Alcan. Senator Leo Koley also participated in discussions.

At a press conference, premier Johnson insisted that the government in conjunction with private enterprise, must use all available means to support young entrepreneurs in establishing their businesses.

TAKE HEART!

The premier emphasized at many times that the movement of established companies in favour of this project constitutes a convincing example of the concept's application.

M. Pierre Peladeau, also present at the conference stated that the participation of any businesses in the project is unrelated to any political commitment, and explained "Paul Desmarais n'a certainement pas une reputation de Pequiste."

In response to electoralist accusations by Robert Bourassa

at the end of last week, M. Peladeau, President of Quebecor replied simply that actions should be taken, and that they were "Aujourd'hui ou dans six mois, cela n'a aucune importance."

A mysterious leak has enabled the Liberal leader to announce the project unofficially prior to M. Johnson's statement.

by Francois Orsat
translated by Tracey Hesse

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TOUT LE MONDE PARLE DE L'IMPRO!

Herbs and Spices ...

DID YOU KNOW...

... that monkwood (*Aconitum napellus*), also known as blue rocket or wolfsbane, was once used as arrow poison by the Chinese? In fact, its generic name is derived from the Greek *akontion*, meaning "dart". The dried onion-shaped tubers or the whole plant, fresh or dried, has been used in medicine since the eighteenth century as a sedative or pain killer. (N.B. All parts are extremely poisonous and should be administered by medical personnel only).

... that yarrow or milfoil (*Achillea millifolium*) is what Achilles was supposed to have healed his warriors with? It is used nowadays in hypertension and coronary thrombosis, dysentery and diarrhea. It

helps cure colds and influenza when combined with Elderflowers and Peppermint. The fresh leaves will help alleviate toothaches and it can even be used as snuff or a tobacco substitute.

... that Hops (*Humulus lupulus*) not only revolutionized the brewery industry, but can also be employed as a mild sedative, and either alone or combined with other herbs serve as a soporific in insomnia and restlessness. Further, it is in the family Cannabaceae which, you might already have guessed, also contains Cannabis!

For those herbalist enthusiasts, I've gathered all this information from an excellent book entitled "The Encyclopaedia of Herbs and Herbalism", edited by Malcolm

Stuart (Bedford Press). Apart from details such as the above, it also describes the history of herbalism, how to find your own herbs and various ways in which these may be prepared in teas and tisanes, or included in various dishes.

Following is an interesting way of preparing rice, not too complicated, and certainly a change from the old dull routine!

Herb Rice (serves 4)

Ingredients: 450 g. rice, 2 Bay leaves, 4 cloves, 25 mm cinnamon stick, 4 peppercorns, 4 crushed Cardamon seeds, 20-30 blanched almonds, 20-30 sultanas (raisins), 50-85 g. butter, 2 tbsp cooking oil, 2 tsp salt, 2 tsp sugar, 500 mL water, onions, hard-boiled eggs,

tomatoes.

Wash the rice and soak in cold water about 1 hour. Heat the oil in a thick saucepan and fry the Bay leaves, cloves, cinnamon, peppercorns, Cardamon, almonds and sultanas for a few minutes. Add butter, when it has melted, add the drained rice and fry for a few minutes, stirring to prevent sticking to the base of the pan. Add water, salt and sugar, bring to the boil and reduce heat to just above the minimum. Cover pan and let simmer for 5 to 10 minutes. Do not lift pan lid during the first 5 minutes. Decorate rice with slices of tomato, hard-boiled egg or fried onions.

Bon appetit!

Rebecca Lee

Les Jeunes Bâtisseurs

L'IMPLICATION DE LA JEUNESSE ETUDIANTE EN POLITIQUE

La non-implication des jeunes en politique et une chose de fait et connue de tous. L'histoire nous l'a toujours démontrée. En terme de statistique la participation s'est toujours maintenue à un faible niveau.

Par compte il existe depuis longtemps une certaine participation au niveau local, soit les associations étudiantes, qui est en fait politiquement neutre.

Ce qui explique que bien souvent les pouvoirs de décision restent symboliques.

La plupart de ces associations son chapeautées et supervisées par les institutions elles-mêmes.

Ce qui implique que ces mêmes institutions ont le parfait contrôle et une main-mise sur les affaires étudiantes.

Pour toutes ces raisons il devient impérieux (urgent) d'établir un organisation ici-même au collège qui puisse réunir des groupes ou des individus d'intérêts différents.

Le réseau des jeunes bâtisseurs est déjà établi ici, comme dans toutes les universités et collèges du Québec.

Ici au Collège, la cellule s'est donné comme mandat de

travailler sur l'information et l'éducation.

Parce que nous avons constaté qu'ici-même dans une faculté d'agriculture, contrairement à certaines facultés de droit ou de science politique, les gens sont peu ou mal informés sur la politique en général.

Les tabous et préjugés contre la politique contribuent à maintenir l'indifférence des gens.

Un sens critique et des bonnes informations qui ne soient pas biaisées auront un effet contraire.

L'isolement des jeunes ou des regroupements sous forme de ghettos est contraire au principe de coopération en politique.

C'est le regroupement de tous les secteurs d'activités et d'intérêts différents, et la volonté de chacun de nous de s'impliquer dans une cause qui nous tient à cœur, qui donne un vrai pouvoir d'améliorer notre société.

Le 2 décembre prochain sera journée d'élection provinciale. Cette journée, toutes les institutions scolaires seront fermées.

Pour chacun de nous cette journée pourra servir de relance.

Mais il ne faudra pas oublier que ce congé a été institué en vu de votre participation au vote.

Entretemps, mes chers lecteurs, je vous invite à continuer de vous informer sur la campagne. bien à vous.

Pierre Chapdelaine
Jeune Bâtisseur

DO YOU KNOW ABOUT US?

We are young men and women students who care especially for our future. It is that future that we are going to decide about on December the second. What is special about us? We are Les Jeunes Bâtisseurs and we are supporting M. Johnson in his run as the leader of the next government. But, as you may have already noticed, we are active. Les Jeunes Bâtisseurs are spread into groups in most of the universities and CEGEPs, we are there to serve your right to be informed.

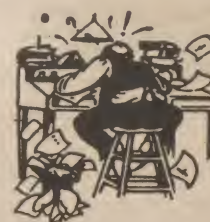
This kind of political action is a precedent at Macdonald and it is about time that it is done. Because Macdonald's community is highly touched by the oncoming technological turn, we feel that it is very important that you get involved in that process. That is why you will see, throughout the campaign, signs of information on the proposals of the Parti Québécois concerning

agriculture, environment, food, etc..

If you need information or would like to participate, we meet every Tues. 12h and Thurs 11h in the CC lounge. Remember that it is a matter of going back 15 years ago or restarting on the way of excellence.

Francois Richard
for Les Jeunes
Bâtisseurs

staffbox



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MANY THANKS to everyone who contributed in any way to this edition.

Editorial

We don't get no respect !

"It's too bad we're not closer to the downtown campus; we don't seem to be an integral part of McGill University..."

Haven't all of us, here at Macdonald College, heard comments similar to this one concerning the location of our campus "somewhere in no man's land". I'm sure many of us have been ridiculed when explaining that McGill's other campus is not the source of inspiration for the childhood rhyme of "Old McDonald had a farm..." nor are we a bunch of rowdy cowboys interested solely in cow manure. This is, to a large extent, an exaggerated way of putting it but the point is, it doesn't seem that Mac gets any recognition from the Montreal Campus, not, at least, at the same level. Rarely do we hear about events happening on the bigger campus, nor do we know which services we are entitled to. The sole source of information, for those of us that are occasionally fortunate to obtain a copy, is the McGill Daily but this source is not available here on our campus. Should we consider ourselves lucky to at least receive an edition of the Reporter regularly even if most of the information is out of date and doesn't interest the students here at Mac? Obviously, there is a serious lack of

communication between the two campuses which results in our isolation and their misinformation.

One consequence of this geographical and social distance is the lack of elective course selection at Mac. In a world where varied knowledge is an important part of making us well informed individuals, being able to deal with all aspects of our lives and being able to contribute to society, the courses made available, at the university level, should enable us to fulfill our many talents and interests. Because Mac is very research-oriented, elective courses tend to be scientific and somewhat limiting, and this is somewhat unfortunate for the students here. Perhaps if transportation between the two campuses became more practical, our education would benefit.

To conclude, it is not in my intent to propose a radical change in the Mac-McGill relationship but, primarily, that it be known to the majority of McGill students that Macdonald College is more than "just a farm". We are all students belonging to an institution with the common goal of enriching our lives through education and perhaps making our world a better and safer place to live.

Lisa Schmidt

to improve education, while at the same time opposing increasing costs, the Tricolour Constitution, unemployment, and finally the apartheid in general.

Frequent events have been work strikes and boycotting of white owned stores, which eventually brings them to bankruptcy. The announcement of the state of emergency marked the increasing use of force and repression.

Gelb emphasized the fact that the business community in South Africa, which is suffering greatly because of the violence, is putting pressure on the government to make concessions with the people and present major reforms in order to bring stability to the country. The business community is suffering greatly from a decrease in foreign investment due to a lack of confidence. The Anglo American Corporation has realized that repression is not the solution and claims that they want to start to negotiate with the ANC.

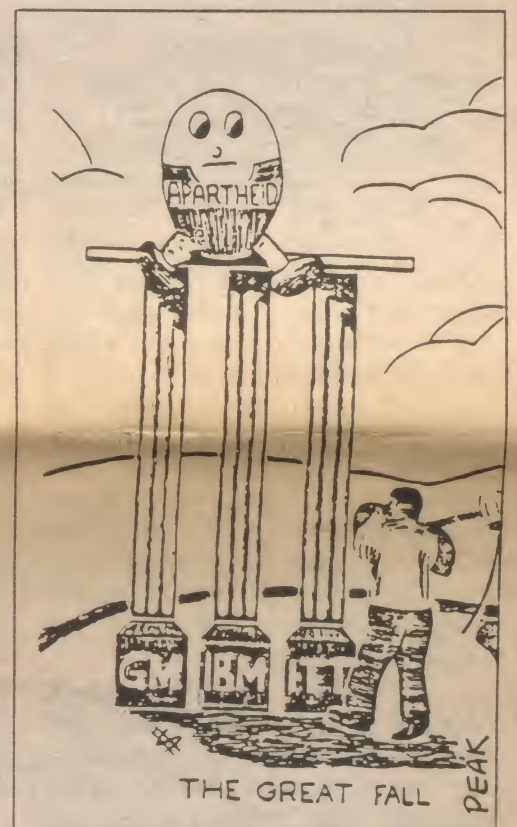
According to Gelb the South African government is presently in its weakest position. "Thousands have died in the struggle and all are ready to do so," Gelb said.

When asked whether he felt frustrated because of not being able to do anything about the situation, Gelb replied that he is doing what he can. For example he advises black labor unions on questions related to economics.

In response to the question, "How do South African whites in general feel about apartheid," Gelb replied that many of them say that it is absolutely abhorring, yet when it comes to actually changing something it's a different story. For example, when it was proposed that the "Whites Only" beach rule be abolished the same group of whites who were putting down apartheid decided that this was too drastic a change.

A representative from the ANC will be invited to speak at Macdonald College around the middle of November. Watch for it in the Mouthpiece.

Myriam Chackal
South Africa Committee



—Steve Gelb, on Apartheid—

Steve Gelb, a white South African was in Montreal on September 28 to give a speech on the situation in South Africa. Gelb is a professor of political science and economics at the University of Witwatersrand, where as in most South African universities, only 10% of the students are black.

He gave a summary of the anti-apartheid movement and government efforts to suppress it. There has been a growing militancy among the blacks, with black trade

unions, the student body, and the African National Congress (ANC) as the strongest forces behind the movement. The government has illegalized the ANC and has been attempting to eliminate it by arresting and killing its leaders.

The first student uprising took place in Soweto in 1976 and these have been occurring more frequently, especially in the last year. In 1981, the Council of South African Students was formed. The ongoing militancy of students in high schools is to attempt

—warning—

—Note from the editor :—

From now on,
we will publish
only signed articles!

L.I.M.A.C.



DELICIEUSEMENT ENVOUTANTE[LA LIGUE D'IMPROVISATION DU COLLEGE MACDONALD

Tous les jeudis soirs a 7:30 pm au "Centennial Center" du Collège Macdonald on se prépare: coup de siflet, sirène, c'est un autre match qui commence.

Les règlements officiels la décrivent comme un jeu qui consiste en l'affrontement de deux équipes composées de 8 joueurs-improvisateurs et d'un entraîneur, et qui requiert la participation d'un arbitre et de deux assistants. Son nom: La Ligue d'Improvisation.

On lui accorde des origines plutôt nébuleuses. Un soir quelques gars en regardant un match de hockey, s'en inspirent pour créer un jeu qui enveloppe les finesses du théâtre et de l'improvisation ainsi que la rudesse et rivalité du hockey.

Chaque équipe doit se débattre durant 75 minutes ou, 3 périodes de 25 minutes sur un thème émis par l'arbitre. Les joueurs possèdent 30 secondes pour se consulter avant de pouvoir faire exploser leurs talents. Les spectateurs sont les finals juges, votant à la fin de chaque partie pour leur équipe favorite. Celle qui a su vous rallier au plus profond de vous-mêmes par ces flots de paroles éloquentes, ces expressions audacieuses ou encore ces avalanches de passion absolue.

Comme au hockey l'arbitre de la Ligue d'Improvisation est le maître du jeu. C'est la tâche assidue

que détiennent Julie Boule, Eliane Lachapelle et Anne Bedrd. Ayant recours à leur pouvoir arbitraire, elles doivent essayer de préserver le climat excitant et expressif d'un jeu qui se déroule presomptueusement devant des spectateurs intransigeants et avertis.

Une pénalité est en effet imposée à tout joueur causant une infraction à la qualité du jeu ou au déroulement du match.

Au Collège Macdonald, la Ligue d'Improvisation est composée de quatre équipes de 6 à 8 joueurs; Les Rouges, Les bleus, Les Verts, et Les Jaunes. Ils sont dirigés par Pierre Deslandes, un étudiant de deuxième année en économie de l'Agriculture, qui débute son apprentissage à Ste-Hyacinthe il y a trois ans en participant à des matchs intercollegiaux.

L'équipe technique comprend; Hubert Dubois directeur technique, Daniel Larose, directeur de l'information et François Richard, trésorier. Le programme de cette saison se termine le 14 novembre. Par contre la saison prochaine ils comptent jouer jusqu'à 12 matchs consécutifs.

Des résultats subjugant: Le Colloque de la Releve Agricoles leur lance un défi. Ils sont invités à jouer contre l'équipe de l'Institut Agro-alimentaire de Ste-Hyacinthe (ITAA) le 22 novembre. De plus la saison prochaine, ils lancent un service impro-publicitaire, pour promouvoir les différents

départements et associations du Collège Macdonald.

Prolongeant les bases internes du théâtre pour y inclure de nouvelles perspectives et dimensions qui vous arrivent à un rythme successif et dynamique, la Ligue d'Improvisation est un spectacle actuel et percutant. Haute en humour et démontrant une fine saveur littéraire, elle sait infiltrer subtilement son jeu pour vous atteindre d'une façon sublime et enflammée.

A vous de le découvrir...

Marie-Christine Tessier

IMPRO 85 LIMAC

Eh! oui, La Ligue d'Improvisation du Collège Macdonald, la LIMAC, est toujours vivante. Tant mieux diront les inconditionnels de l'impro, on pourra continuer à rigoler les jeudis soirs!

Il y a du nouveau cette année, en effet la LIMAC est maintenant un club reconnu et elle bénéficie donc d'un budget. Budget qui a permis entre autres la réalisation d'une magnifique patinoire qui vaut à elle seule le déplacement! N'exagérons tout de même pas, mais il s'agit d'une amélioration tellement évidente. Aussi, malgré toute la peine que nous a causée la fermeture du café Macadam, nous pouvons nous rejouir de l'ambiance chaude du CC lounge lors des matchs.

Enfin, comme toute ligue qui se respecte, nous aurons la joie ultime de porter nos propres chandails, fierement

décorés du sigle officiel de la LIMAC, d'ici peu de temps.

Décidément ces improvisateurs ne reculent devant rien diront certains, eh! bien non car la fin novembre emmènera une équipe d'étoiles de la LIMAC à Drummondville pour y affronter d'autres équipes. Des détails viendront plus tard.

Du nouveau, il y en a aussi une bonne part dans les quatre équipes de la ligue. En effet, les Verts se sont formes de tous nouveaux bourgeons, les Bleus en ont reçu d'autres (Bleus), les Jaunes ayant perdu des plumes se sont recouverts de nouveau duvet, et finalement les Rouges ont reçu une transfusion après avoir perdu une goutte. Au niveau du jeu, on assiste en général à des parties intéressantes, chacune ayant ses hauts et ses bas. Ici le public fidèle reconnaîtra que les joueurs progressent à chaque partie, offrant toujours un bon spectacle.

Où en est le classement à ce stade? Jaunes 2 P.J., 2 P.P., Bleus 2 P.J., 2 P.P., Verts 2 P.J., 2 P.G., Rouges 2 P.J., 2 P.G.

Et au moment où vous lisez ces lignes les Rouges ou les Verts auront une victoire de plus à leur actif. En terminant, amateurs de sensations fortes, vous êtes invités à assister au spectacle le plus populaire à Macdonald tous les jeudis à 19:30 h au CC lounge. Et n'oubliez pas vos applaudissements.

François Richard



DEMEURES-TU DANS LE "COUIN"?

MY Dairy Farm Summer

Last summer, instead of finding a job in the food science field, I decided I wanted to work on a farm. I was sick of lifeguarding, was interested in agriculture and I wanted to learn how to work with my hands at something practical.

The farm I ended up on was a small German family farm run by the father, mother and thirty year old son. Through them, I learned a lot about Germany (never did pick up the language, though) and farming.

Once a month, we'd take milk samples for the DHAS to test for butterfat and microbial cell count. It made last semester's microbiology

course a lot more interesting to see at first hand the effects of mastitis or a dirty pipeline on microbial cell count.

Life was not rosy pink though. The first day I was there, a cow was operated on for a twisted stomach after calving. There was hardly any blood and no gore, and she recovered perfectly but another cow was not so lucky.

This one died of gangrenous wounds that would not heal after she fell through the grating covering the manure pump and spent the night trapped there. Since it rained nearly everyday for five weeks, the haymaking was very poor and we had to do other

things to stay busy.

A lot of the time I spent by powerwashing the barn clean and then whitewashing it, and of course there was the milking twice a day. Definitely the most unpleasant thing that was done weekly (by me) was cleaning the calf barn. The smell is easy to get used to, but it is not fun to find fly eggs beneath all of the straw. The calves did not make the job any easier with all their cavorting around and sucking affectionately at whatever they could reach. One little guy even escaped and it was quite a job getting him back to where he belonged.

When I wasn't working, it

was pretty lonely so I spent a lot of time bicycling to the lake, reading, and watching tv.

The boss took me up in his Cessna a few times too, and that was a lot of fun.

Overall, it was a good thing to work on a farm. On bad days, it sometimes seemed as though the cows were doing their best to mess up the place and life was just sweeping up after them! I admire a person who's been into farming his/her whole life, and not just for a summer job.

Josee Olivier

DEAR BLABBY

The Harvest editors know how college life may be filled with pressures from teachers, parents and friends, with the occasional monetary shortage added on for size.

To help our student community, the Harvest is thinking of hiring a full time counselor to give original advice to afflicted students. But Dear Blabby (that's the pen name of the counselor) will not be hired if there is a lack of interest demonstrated by the student community. So, if you have any problem about anything, just write it up on a piece of paper and leave it at the CC desk, care of the Harvest and our counselor will try to advise you.

THE HARVEST

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LIFE AT THE TOP

I am a hermit. Hermit rhymes with Kermit, by the way. I live on top of a twelve foot ladder in the middle of nowhere. There are trees, birds, flowers and green grass all around me. I enjoy this place so much that the thought of leaving it has never occurred to me. I don't mind the rain, it refreshes me. There is no such thing as winter here. I know that in some places there is snow, but

only because a bird told me.

Being so high up, I can see a long, long way. What do I do here all day? I think.

I think about nothing. Thinking about nothing takes up all my time. Really! Right now the wind is blowing and swaying my ladder back and forth. This is shaking up all my ideas about nothing, so I will not think at all. Instead I shall look for strange objects. It is very interesting

what odd things one can spot from up here. Just yesterday I saw a metal bird in the sky.

It must have been very unfriendly because all my bird-friends around me flew away.

Having been here as long as I can remember, I noticed the horizon to my left, which used to be lined with lots of trees, was different. Now, instead, a crowd of shoeboxes stands there. Odd.

The sun is setting and all the birds are in their nests asleep. I never sleep. I don't feel the need to do so. I love feeling the soft night breezes and watching the stars winking at me. I always wink back at them too. Sometimes I see an angel sweeping up the stardust.

So you see, I'm never bored. I love it here, fool that I am.

S. Liou

QUALITE DE L'EDUCATION :

LA CORRECTION, C'EST AUSSI NOTRE AFFAIRE

La qualité de l'enseignement est une préoccupation quotidienne des étudiantes et des étudiants. Elle peut prendre plusieurs formes, dont celle de faire en sorte d'être évalués de façon à intégrer nos apprentissages.

Par évaluation, nous entendons les notes et/ou "feedbacks" reçus pour la réalisation de travaux de session, laboratoires ou examens. Ces évaluations prennent diverses formes, allant de l'examen à choix multiples à une revue littéraire thématique ou encore la réalisation d'une oeuvre d'art, etc.

Dans l'optique de poursuivre l'excellence universitaire, il est important d'être évalués correctement. C'est pourquoi le RAEU, vous soumet 10 QUESTIONS A SE

POSER LORSQUE L'ON REÇOIT UN TRAVAIL OU UN EXAMEN CORRIGÉ. Amorcez d'une discussion constructive avec votre professeur, ces questions vous permettront aussi de voir ce que vous et votre association pouvez faire pour améliorer la qualité de l'éducation à ce niveau dans votre institution. ÇA NOUS CONCERNE:

- parce que nous voulons nous assurer que chaque étudiante, chaque étudiant, soit l'objet d'un traitement équitable, sans aucune discrimination au cours de son processus d'apprentissage;
- parce que nous voulons que les évaluations soient aussi des occasions d'apprentissage pour les étudiantes et les étudiants;
- parce que nous voulons contribuer activement à notre formation;
- parce que nous voulons exercer un véritable partenariat(sic) avec les

professeurs.

10 QUESTIONS À SE POSER LORSQU'ON REÇOIT UN TRAVAIL OU UN EXAMEN CORRIGÉ:

1. Est-ce que l'évaluation correspond à l'objectif du cours?
2. Connaissiez-vous la grille de correction avant l'évaluation?
3. Est-ce que vous avez accès à votre travail ou examen lorsqu'il est corrigé?
4. Est-ce que votre travail ou examen est corrigé dans des délais raisonnables?
5. Est-ce que votre travail ou examen est corrigé dans votre langue maternelle, si celle-ci est l'anglais ou le français?
6. Est-ce qu'il y a des commentaires pertinents et/ou des exemples de bonnes réponses accompagnant votre travail ou examen?
7. Connaissiez-vous les critères de normalisation des notes si tel est le cas?

8. Connaissiez-vous la moyenne de la classe?

9. Avez-vous un droit de reprise?

10. Si vous n'êtes pas d'accord avec votre évaluation, connaissez-vous les mécanismes de révision et/ou d'appel?

En cas de litige, quels recours avez-vous?

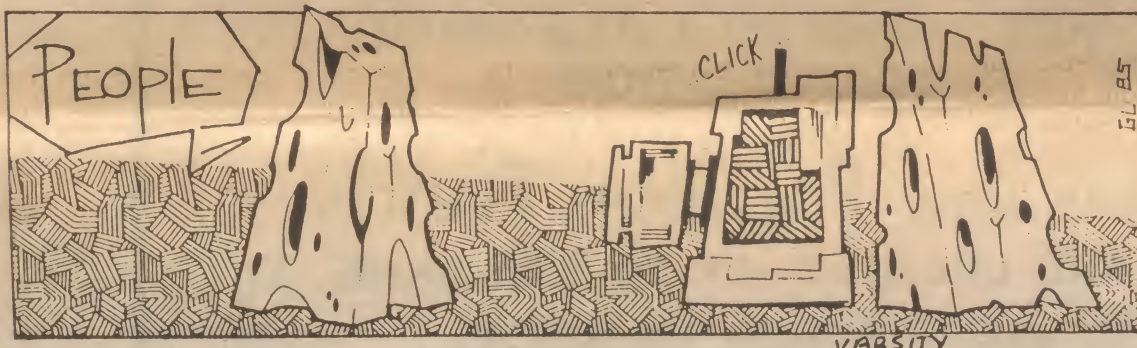
- rencontrez votre professeur
- alertez votre délégué de classe
- allez voir votre association étudiante

Les réponses que vous donnerez à ces questions vous permettront de voir quelles seront vos positions lors de votre prochaine négociation de plans de cours, au début de la session d'hiver. Pour de plus amples renseignements, adressez-vous à votre association locale ou au RAEU, tel. 514-343-5843.

Nathalie Brien
Secrétaire à l'éducation

lixed Witz

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ECONOMIE\$ DE CHAUFFAGE

Avec le temps froid, nous revoilà à la maison et pour certains c'est l'époque des soirées passées confortablement assis(es) devant un feu de foyer... Qu'on est bien au chaud, un bon café, un fauteuil confortable... Ah la vraie vie.

Comme ceux qui n'ont pas de foyer aiment bien être au chaud aussi, nous avons hérité d'un attirail complexe de chaufferettes, plinthes, fournaies, couvertures électriques, bouillottes, poêles et j'en oublie. On peut aussi chauffer au gas, à l'huile, au bois, à l'électricité, à l'énergie solaire, et dans tous les cas il faut payer la note.

L'an passé, je chauffais à l'huile avec une petite annexe. Ce n'était pas très pratique car pour avoir chaud au deuxième étage il fallait

surchauffer la cuisine. Je me suis donc décidé à acheter une chaufferette et par hasard j'ai acheté une chaufferette électrique dont les éléments sont faits de cristaux de quartz.

Ma première bonne surprise avec ce système fût ma facture de chauffage qui s'est vue coupée de moitié. Enfin je pouvais régler le chauffage selon que j'y étais ou pas et au lieu de chauffer toute la maison, je pouvais déplacer l'appareil avec moi. Mais plus intéressant encore, je n'aime guère le chauffage électrique car il assèche l'air. Avec le chauffage radiant, la qualité de l'air est conservée. Pas de ventilateur bruyant non plus. Seuls inconvénients: un léger bruit provenant du boîtier de la chaufferette traversent l'air sans être absorbés. Ainsi la chaleur générée est dirigée vers vous

lorsque les éléments chauffent et font se dilater le métal; le second inconvénient, une lueur rougeâtre dans l'appartement la nuit, lueur qui n'empêche pas de dormir mais qui font croire aux voisins que la maison est en feu!

Enfin si vous comptez vous équiper d'une chaufferette, ces chaufferettes au quartz me semblent un très bon achat. L'avantage certain par rapport aux autres modes de chauffage est que les éléments de quartz émettent surtout des rayons infrarouges.

Comme le soleil qui nous chauffe le visage dehors l'hiver alors qu'il fait dans les -20 C, la chaufferette nous dore de rayons infrarouges qui qui avez froid, et sert à vous rechauffer.

Pour chauffer mon quatre et demi mal isolé, j'utilise deux chaufferettes au quartz de 1 200 watts et il m'en

coûte à peu près \$35 par mois pour chauffer l'hiver. Finalement c'est comme si je chauffais avec deux séchoirs à cheveux. Une unité de 1 200 watts coûte à peu près \$75 comparé à environ \$45 pour une plinthe électrique. Je crois que le confort additionnel et les coûts d'opération moins élevés de la chaufferette au quartz justifient la différence.

Enfin c'est à vous de choisir. J'ai un ami surnommé l'ours qui a décidé de ne pas se compliquer la vie. Il s'est enveloppé dans ses couvertures et dort depuis une semaine.

Yves Lépine

« « « MACTUALITIES » » »

BON PIED, BON OEIL

La randonnée au mont Mansfield au Etats Unis a connu plus de succès que nous l'escomptions et c'est pourquoi on a pensé organiser d'autres sorties et se donner un point de ralliement pour se tenir au courant des activités.

Pour ce qui est de la prochaine sortie, nous comptons aller sur les sentiers de randonnée pedestre situés en Estrie entre Richmond et le mont Orford. Le paysage est certes moins grandiose qu'au sommet du mont Mansfield, par contre l'achalandage est moins grand et la nature est plus intacte. Par la même occasion, si certains le désirent on coupera à travers bois pour revenir. Pour faire cela confortablement, mieux vaut venir avec des bottes assez étanches (genre Sorel), bottes assez ajustées pour pas blesser le pied.

La région d'Orford est idéale pour une randonnée car les lacs et les montagnes suivent un axe est-ouest. Ceci permet de s'orienter facilement. La région étant engrande partie la propriété de compagnies de papier, les lacs sont peu pollués et on peut boire l'eau des ruisseaux. Il y a quelques castors, quelques

chevreuils qui profitent du territoire privé. Une nuit à l'extérieur vaudrait la peine pour regarder les étoiles qu'on n'a pas souvent l'occasion de regarder en ville.

Si vous songez nous accompagner pour cette sortie, veuillez vous inscrire sur le babillard du Centennial ou encore contactez Yves Lépine ou Josée à 457-5066 et 457-3506. Le paiement des frais de séjour à la base se fait une semaine à l'avance. Nous quittons le Collège le vendredi soir 6:30 pm. La date pour cette sortie serait vers la troisième fin de semaine du mois de Novembre.

Rendez-vous dans le lobby du Laird Hall. Amenez votre lunch pour grignoter dans le bois, des vêtements de rechange, un peu d'argent au cas où il y aurait un arrêt pour manger dans un restaurant ou un casse-croûte sur le chemin de retour. Le retour en ville pour ceux qui reviennent samedi soir se fera autour de 19:30 ou selon les préférences des conducteurs et leurs passagers. Une halte à un bon restaurant est à considérer après tant d'exercices.

Yves Lépine

DAS KAPUT OKTOBERFEST

It made me laugh when I read the blurb in our Mac Mouthpiece from October 15 thanking the organizers of this year's Oktoberfest for the great time we all enjoyed. I don't know if his (her) opinion was everybody's but it sure wasn't mine and surely a whole lot of other people can agree with me.

No, this year's was a bummer to me despite of all the decoration and effort that was put into it. It started off all right. The music was swift and polky. However this didn't last for more than 3 dances. And then the ordinary, cheap pop and rock was played. Oh no, the dance floor was filled again but with a different kind of clientele. For sure, their music was played longer than the Bavarian goodies we had all come for, you remember!

Really, for an annual event, this folkloric music should receive priority over common everyday easy to listen to radiomusic. After all we paid a ticket for a Bavarian festival, didn't we! So why did we have to settle for less? I know of many better looking places to come to and get crazy on popular music. Enough breath spent on this

point. Did I get my message across?

Then came the yodeling contest. Not bad at all. I'll even take off my hat for the one that came up with the idea. But this funny part was soon overshadowed. There was the boatrace! In fact a real beer massacre had been fought out already in front of the liquor and beer counters. Why have another beer bash on the other side of the room? I don't have anything against drinking a beer from time to time but why can't people just have fun without getting the morning-after-the-night-before feeling and causing a lot of unnecessary annoyance to innocent people! Who would go back dancing in this mess?

Keeping from slipping was already a great challenge! All in all I didn't wait till the boatrace was over. Even the desire for the so long awaited last attraction, the Bavarian wieners I loved so much last year, couldn't keep me from leaving this dewatered and disappointing Oktoberfest.

Still looking forward though, to next year's shaped up version!

Frank Meganck



BUT STEVE! THE NEEDLE IS
NOT EVEN IN YET!!

BLOOD DRIVE

The blood drive on Monday Oct. 28th was a huge success! This semester's blood drive raised over 200 pints of blood. It was very encouraging to see that over 25% of our donors were first time donors and believe it or not they all survived.

There is really little to be scared about when giving blood. We saw a lot of brave students out there and a special acknowledgement goes to staff members who came over and gave blood.

I would once again like to thank all the people who volunteered their services and

gave a few kind words to all our donors. You all made the day an enjoyable one and helped to make everything run smoothly.

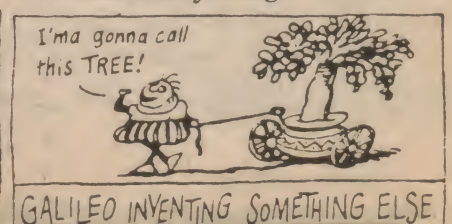
On a campus of our size, it is inspiring to see a turn out of over 200 people which is just under one quarter of our population. I can't thank all you Mac people enough for your generosity! Save a pint of blood for next semester when the 4077th MASH unit will be out at Mac rounding up all you brave souls.

Tom Hunter
Blood Drive
Chairman

Some people think Galileo
invented sports.



Some people think Galileo
invented everything.



CLUBS' CHRONICLES

FSUS BLURB

Once again we find ourselves faced with writing another Harvest article. Hello to all you Food Science students!! (or should we say you students of the School of Dietetics and Human Nutrition). If you read our last article in the Harvest (as we are sure you all did) you know what we've been up to.

We are happy to report that the Oktoberfest was a smashing success and the money we made will be going towards seminars and our trip to Ottawa which we are planning for next semester. October was an awfully busy month for us, with the Oktoberfest, pizza in the Ceilidh, the blood drive,

seminars and our midterms on top of all this - we're glad to say October is finally over.

But what have you been up to? You know, we have an office in the CC building and it gets awfully lonely during office hours when no one comes to visit. Why come visit the FSUS office you ask?

Well, there are several reasons: 1. want information about something pertaining to foods or about careers in foods? 2. want to know about FSUS ad how it spends its money? 3. to offer your services to FSUS. And one more reason that is just as important, is that we want to meet you. We know most of the U3's already - but all you

new U1's, who are you? Where are you? What can we do for you? We still have a lot of activities planned and your support would be greatly appreciated. You will find that helping at activities is not such a difficult task and the few hours of study time you lose will be compensated for by all the new people you meet and the good times you'll have. Enough lecturing on school spirit and student apathy.

How has everyone been enjoying the pizza in the Ceilidh? We must apologize for those of you who occasionally get a burnt or soggy piece, but we are still trying to iron out all the

wrinkles in our system. In a short while we will be a smooth running organization turning out delicious, delightful, and delectable pizzas. For all you clubmembers, don't forget that this pizza operation is being made available to all of you as a profit making scheme.

That's pretty well all there is to report for this month. We hope everyone is enjoying the semester and not working too hard. See you around!

The FSUS Executive
Betsy, Josee, Sylvie
and Tom

A SUCCESS STORY

Early Course Evaluation - Fall 1985 was just that - a success story. This project in the past has had less than satisfactory participation on the students' part. This made the Macdonald Agricultural Undergraduate Society Executive determined to make it work this year. They were the people pushing those pink forms to you in the halls a few weeks ago. The overwhelming results were approximately 52 courses evaluated and 110 student participants.

This is a project initiated by the AUS and monitored by the Committee on Instructional Development. It was kicked off a few years back by a concerned AUS president with the help of Dr. E. Douglas in Animal Science who was at that time, chairman of the Committee on Instructional Development, both being concerned individuals towards teaching excellence and student privileges.

According to AUS president, Richard Eckerlin, "Not only were there a lot of comments directed towards instructor and/or course improvement, but we were happy to see so many good comments as well."

Thanks to Richard for many hours of work put into this project and especially to all participants. We hope you'll reap the benefits.

Kelley Allen
AUS rep. to
Council

FARMERS FROSTY FROLIC

Now that I've got your attention and your thinking that this is some kinky story...well your wrong!

It happens to be the theme to this year's edition of the Macdonald Livestock Club's Annual Christmas Dance. Yes folks, another party, but not JUST another party, this is a classy, semi-formal affair (that means you gotta get dressed up).

When is it you ask? It's going to be on Wednesday, December 4th, in the CC ballroom so check your calendars, because they'll probably tell you that it's the last day of classes. So what better way is there to let off a bit of steam before exams start? You will have the opportunity to dance to a live band who promises a good mix of music and a DJ to keep rockin between sets.

Profits from the dance will go towards the organization of the Livestock Show and Intercollegiate Judging Competition which is a big part of the Macdonald College Royal (Feb 28-Mar 2).

This part of the Royal is organized exclusively by the Livestock Club (Dale Burns and Co.), who is working hard to make it bigger and better.

So when classes are all over, kick up your heels and follow your friends to the Farmers Frosty Frolic.

Kelley Allen

FOOTBALL

P.G. ??

(1972)



Henry

IS THIS YOU ?!

ECOLOGICAL AGRICULTURE PROJECTS (EAP)



Your second library.

If you never come,
you'll never know.

An alternative to consider.

Barton Building 1 - 022

MAC SPORTS

THE COACH'S CORNER

Yes, yes I know! Where are those special reports that I had promised on a weekly basis. Well, they're coming soon; and there may be something else linked with them that may be of interest to future "Athletes of the Week". But that's a surprise and I'll keep it that way for a while still.

Well, it seems that the semester has just begun and already, we have an intramural winner. The softball season had ended with 3 teams tied for first with 4 wins and 1 loss each: Fifty, Staff, Hogwilds. The Wormos had finished fourth with 2 wins and 3 defeats. Of the top 3 teams, Fifty had the best runs for and against ratio (against the other 2 top teams), so they played the Wormos in one

of the semi-finals. The final score of that game was fairly one-sided as Fifty won 20-7. The other semi-final wasn't a nail-biter either as Staff disposed of the Hogwilds (my team; boo! hiss!) 23-12. The final game was more interesting as Staff and Fifty battled it out; but when it was over, Fifty had won 16-13.

That was the first time in a long while that Staff lost the Softball finals.

Congratulations, Dips, you had a great softball team (even if we beat you by a point during the regular season)!

By the time you read this article, soccer will also be over, but right now playoff spots are still being decided. Iran looks solidly entrenched in first place with 17 points, but they're being followed by four

that volleyball has 12 teams in 2 divisions (Green and Gold). Basketball looks good as the teams are well established from last year; will the Abusers repeat as winners this year? We shall see.

well matched teams (separated by only 4 points): Staff, Club Sandwich, Pied de Ballon, and Strikers. Nova and Dip Limited look to be out of the playoff spots. The scoring championship was still pretty much up in the air, as Hassansoo (Iran) and Berube (Club Sand) were tied for 1st place with 8 points each. They were followed by McLean (Pied D B) with 5 points and Maynard (Staff), Knight (Strikers) and Passerini (Club Sand) each with 4. I will have the final stats for soccer in my next column, so keep watching for it.

Other sports were just starting when I got my stats, so I'll wait until the next edition to detail their respective stats. I can say

There's been an interesting development between broomball and hockey this year. The Broomball League has lost 2 teams while the Hockey League has gained 2. Women's hockey is still in the organizational phase while women's broomball has 3 confirmed teams with one team still unsure of participating.

Finally, tennis is almost over and, by the looks of it, it seems that it will be a Staff dominance in most of the categories.

If you have any comments about sports or my column, just write them up and bring them to the CC desk, care of "The Harvest".

See you next month!!
P.S. Congratulations to the fools who broke the soccer goals to pieces. The Athletics Department was real happy about that !?

Francois Blain

Mount Mansfield Hike

Twenty Mac students began a strenuous day hike to Mt. Mansfield on Sat. Oct 12. by leaving Laird Hall lobby at 7 a.m. Everyone went at their own pace and eventually reached Taft Lodge where they collapsed and then had lunch. Twenty-five minutes of climbing up slick, ice covered rocks brought us to the top where a gorgeous view was to be seen. The summit itself was interesting. Because of its altitude, many delicate grasses and mosses make up a arctic-alpine environment and one is supposed to walk on the trail at all times so as not to damage this special environment.

It is the success of this hike that makes me think Macdonald needs an Outdoors Club that would organize activities of this kind. If a club was formed, it would be possible to get student council funding to make the financial load easier to bear. Another option available is to form an affiliation with downtown McGill so as to be able to go along on any outings they might have planned. Downtown McGill has many facilities (e.g. house at Shawbridge) and a lot of

equipment that we would probably be able to borrow.

When formed, the Outdoors club would be interested in organizing a once every two weeks downhill ski trip. This would probably be on Wed. nights to Mt. St-Sauveur (or whoever offers us the best deal) starting in mid-January and lasting for six weeks. In addition to this, winter camping or x-country skiing trips are a possibility.

One upcoming activity is the hiking trip mentioned in Yves Lepine's article. We would leave Friday night around 6:30, sleep at the youth hostel le Versant, hike the next day and come back around 7:30 p.m. This area is situated in Estrie, between Richmond and Mount Orford. The terrain is not as mountainous as the Mt. Mansfield region and because it is less crowded, there are more wild animals to be seen. Approximate cost of the trip is \$15-20. There will be more information in the mouthpiece concerning this trip and the formation of the Outdoors club, so keep your eyes open!

Josee Olivier



L'AFA sans toi... = ?

Peut-être que certain d'entre vous ne sont pas très familiers avec l'Association des Futurs Agronomes. De fait, cet organisme est tout nouveau et tout neuf!

Les raisons qui en motivent sa mise sur pied, sont à la fois "simples" et "critiques"! Voyons tout d'abord, pourquoi "critiques".

Bien que le secteur agricole laisse prévoir des possibilités d'emploi encore intéressantes, il demeure quand même que ce secteur en pleine croissance, ne cessera d'exiger de ceux qui y travailleront, une plus grande compétence.

"Compétence"... un bien grand mot me direz-vous, mais c'est justement ce qu'attend de nous le secteur Agro-Alimentaire.

Voilà donc où, je crois,

un outil comme l'AFA (Association des Futurs Agronomes) pouvait s'avérer utile.

Un organisme du genre ne se définit pas comme le seul moyen pour devenir compétent (ne pas se leurrer!) mais, bien comme un complément! Venant appuyer les bases qu'on tente ainsi de nous enseigner.

Au fait, à quoi nous servirait-il de tout apprendre sur la synthèse des protéines, la relation des coûts marginaux sur la rentabilité d'une entreprise agricole ainsi que sur le processus de A à Z de la symbiose chez les légumineuses, si à la sortie de nos 3 années passées au Collège, nul d'entre nous pourrait faire état de l'actualité dans le secteur Agro-Alimentaire.

Imaginez-vous simplement en compagnie d'un producteur, qui tout bonnement vous demandera vos impressions sur l'adoption du projet de loi C-85, qui lui se voit directement concerné par le problème. Que lui répondriez vous?

Et voilà comment, "Simplement", l'AFA voudrait se donner comme principal objectif, de rendre disponible toute information concernant le Secteur Agro-Alimentaire, pour qu'ensemble nous soyons toujours mieux informés et au courant de tout cet aspect.

C'est par des conférences et de la collecte de publications que nos efforts ont été jusqu'à maintenant axés.

En effet, une série de "conférences" sera bientôt organisée nous permettant, sur une séquence de 2 semaines,

de se rencontrer en compagnie d'un(e) représentant(e) venant nous entretenir et nous faire mieux connaître l'organisme, l'industrie ou le domaine qu'il ou qu'elle représente.

Une autre chose, diverses publications agricoles (+ ou - 70) ont été reçues au local de l'AFA pour fin de consultation.

Bien entendu, tout ceci n'est qu'un début!

Venez-nous faire part des idées qui vous trottent dans la tête, qui rejoindraient nos ambitions d'organiser quelques activités que ce soit, ayant toujours pour but d'en connaître plus sur l'agriculture pour qu'elles puissent être partagées!

Luc Cusson
Coordinateur AFA

CENTRE D'INSEMINATION ARTIFICIELLE DU QUEBEC (CIAQ) INC.

The CIAQ was established by the Quebec Ministry of Agriculture in 1948. We are now in our 37th year of operation and CIAQ is the only A.I. centre in the province of Quebec.

A.I. services are provided to all farmers in Quebec through 91 breeding clubs that employ one or more inseminators. There are over three hundred full-time and part-time A.I. technicians working throughout the province who inseminate 99% of the cows that are bred artificially.

The CIAQ houses over 630 dairy sires as well as several beef sires. Dairy sires: Ayrshire (82), Brown Swiss (4), Canadian (3), Holstein (535), and Jersey (8).

The A.I. Centre produces over 2.7 million doses of semen per year and we presently have 4.5 million doses in storage. In 1984, nearly 950,000 units of semen were used by the farmers of Quebec and approximately 400,000 doses of semen were sold to other provinces and countries.

In 1984, 564,267 first services were conducted in the province ninety per cent using

dairy sires and ten per cent beef sires.

CIAQ has a very efficient Young Sire Proving Program and, in 1985, one hundred and twenty-three dairy sires will be sampled. They are: Ayrshire (17), Brown Swiss (1), Canadian (2), Holstein (101), and Jersey (2).

Presently, sires of current young bull entries include Glenafton Enhancer, Willowholme Mark Anthony, A Robthom Premier, Rockalli Son of Bova, A Maries Thunder and Marshfield Elevation Tony.

Proofs are now being obtained on many bulls for calving ease, milking speed and protein percent and yield. Presently, there are fifty Holstein, 17 Ayrshire, 6 Jersey, 5 Canadian and 1 Brown Swiss highly selected proven bulls available to breeders. Proven bulls are also available in other breeds through purchases from other studs in Canada and the U.S.

Semen from CIAQ bulls is exported to over 35 countries; the most important ones being China, Australia, West Germany, Italy, Mexico, the United Kingdom, the United States and U.S.S.R. Most of the semen exported is from the Holstein breed.

Sample from AFA's
Information Centre



La charte de la liberté

Depuis quelques mois déjà, un pays fait la manchette des journaux plusieurs fois par semaine: l'Afrique du Sud. Une élection a eu lieu récemment en Afrique australe (à laquelle n'ont participé que les blancs bien sûr). Il est apparu que la minorité blanche de là-bas se dirige vers un gouvernement 'de droite', le gouvernement présent se qualifiant de 'modéré'...

La majorité noire d'Afrique du Sud n'a pas le droit de vote, non plus que multiples autres droits que nous-mêmes considérons fondamentaux.

Afin de mettre en lumière les facteurs indispensables leur permettant de vivre une vie décente, des Africains ont fondé l'African National Congress en 1912. Ses fondateurs sont des hommes de toutes catégories sociales et professionnelles, unis par une même volonté d'organiser dans une structure nationale tous les opprimés de l'apartheid.

En 1955, lors d'un "Congrès du peuple", l'ANC et d'autres organisations adoptèrent la Charte de la liberté. Cette charte est, dès lors, devenue le manifeste de la lutte pour la liberté en Afrique du Sud.

Voici quelques-unes des dispositions de la Charte de la liberté parmi les plus percutantes:

- Toute personne doit avoir le droit de voter et d'être éligible à tout organe législatif.
- Les droits doivent être égaux pour tous, sans distinction de race, de couleur ou de sexe. (En Afrique du Sud, on divise la population en "blancs", "noirs" ou "colored".)
- Nul ne doit être emprisonné, deporté ou voir sa liberté restreinte sans que sa cause ait été équitablement entendue.
- La loi doit garantir à tous le droit à la liberté d'expression, le droit de s'organiser, le droit à la liberté de réunion, le droit de publier, de prêcher, de pratiquer le culte et aussi de donner à leurs enfants l'éducation de leur choix. (l'école est gratuite et obligatoire pour les blancs, payante et facultative pour les autres.)
- Toute personne doit pouvoir se déplacer librement de la campagne vers la ville et

pouvoir quitter l'Afrique du Sud pour l'étranger. (Des laissez-passer sont obligatoires pour les hommes noirs; les femmes noires sont encore plus réduites dans leurs déplacements.)

- Hommes et femmes de toutes races doivent recevoir un salaire égal à travail égal.
 - Le travail des enfants, le travail dans les "compounds", le système du têt (travail des petits enfants) et l'emploi de main-d'œuvre sous contrat doivent être abolis. (Concernant ce dernier point: le travail sous contrat est désigné à maintenir les femmes et les enfants dans le "bantoustan" auquel ils "appartiennent" et à n'avoir que le travailleur noir dans la ville blanche.)
 - La loi doit protéger tous les groupes nationaux contre les insultes à leur race et à leur fierté nationale.
 - Tous doivent jouir du même droit d'exercer un commerce là où ils le désirent, de se livrer à des activités industrielles ou d'adopter tout métier, manuel ou non, comme toute profession.
 - Tous doivent jouir du même droit de s'installer sur la terre là où ils le désirent.
 - Nul ne doit être dépouillé de son bétail et le travail forcé, comme les fermes-prisons, doit être aboli. (Les fermiers noirs travaillant pour des propriétaires blancs n'ont souvent pour toute nourriture que du maïs, et ce pendant des mois.)
 - Toute personne doit avoir accès aux richesses culturelles de l'humanité par l'échange de livres, d'idées et par les libres contacts avec d'autres pays.
 - Dans la vie culturelle, dans les sports et dans l'éducation, toute distinction fondée sur la couleur doit être abolie.
 - Il doit y avoir abondance de nourriture et nul ne doit plus connaître le faim. (L'Afrique australe est le plus gros exportateur de produits agricoles de toute l'Afrique noire.)
- A ses débuts, l'ANC prêchait la résistance pacifique, et on cherchait activement des moyens légaux d'abroger les lois promouvant l'apartheid. Mais depuis décembre 1961, après plusieurs incidents sanglants (dont le Massacre de Sharpeville), les Africains ont épuisé toutes les ressources que la voie pacifique leur offrait. Depuis

décembre 1961, les Africains ont opté pour la lutte armée.

Le South Africa Committee se réunit tous les jeudis à 6h00 pm au deuxième étage du cc. Tous les étudiants dynamiques, enthousiastes, volontaires et curieux (comme nous...) sont invités à se joindre à nous jeudi prochain!

Martine Barbeau
South Africa Committee

-David Suzuki-

SCIENCE: SUZUKI WARNS
AGAINST SAVAGE AND
NEANDERTHAL BAS AND
BSCs

Waterloo (CUP) -- The split between arts and sciences in Canada's universities means graduates resemble savages and neanderthals more than responsible, thinking adults, says David Suzuki.

Speaking to an audience of 4,000 last week, the popular scientist said students are funneled into arts or sciences without a rounded background in both disciplines. Suzuki said arts graduates are "ignorant savages who know nothing about the major forces shaping the earth," while scientists "know nothing of the ethics of science. They are like neanderthal people given guns, tanks, and bombs."

Suzuki was delivering the keynote address of 'Science, Technology and Ethics', a student-organized national conference.

Suzuki said students are encouraged to specialize early in school and avoid other subjects through their education.

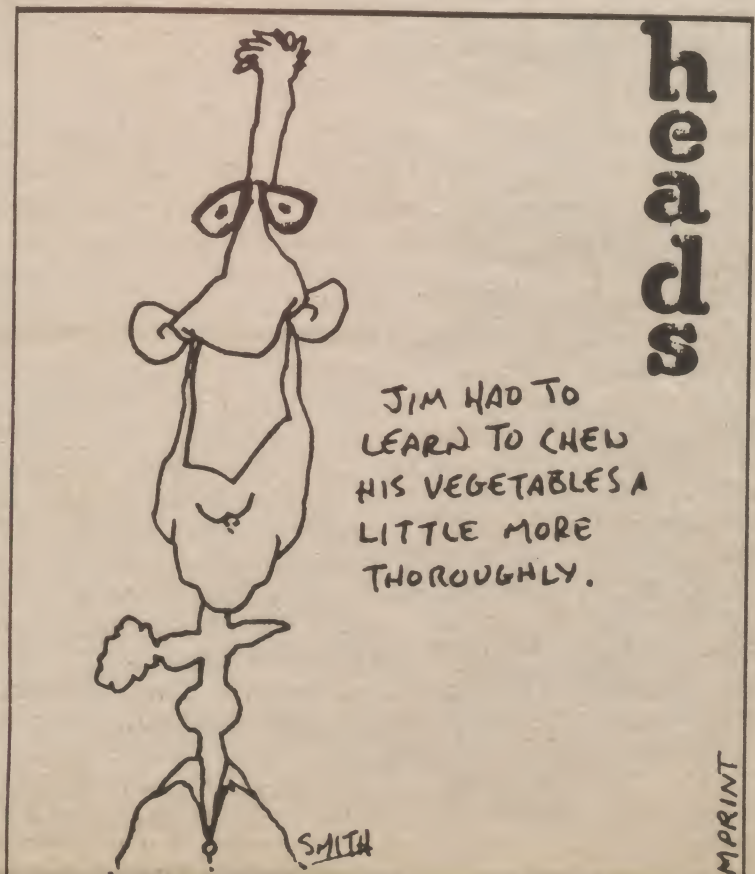
While most arts graduates are unaware of science and technology in society, Suzuki is most concerned about politicians. "The people we are electing are incompetent to act upon the advice of experts (and decisions are based mostly on) political expediency, and I mean that in a perjorative sense," he said.

Today's scientists are not socially responsible enough, and have questionable research motives when courting corporate and military funding. "Profit and destruction are too much of the driving forces of the scientific community," he said.

With technology changing rapidly, the need for discussion of science issues has never been more important, Suzuki said.

"We are living with problems that may take generations to solve," he said. Advances in technology often seem to solve problems, but can bring more problems than solutions. "Every technology has a price," he said.

"The benefits are always obvious and clear. The costs can not be determined beforehand. We can not predict the monumental consequences of technology," he said. "We can not go on indefinitely having more technology," he said.



AROUND THE PRESS WORLD

HEALTH: DENTISTS MAY DETECT AIDS EARLY

Ottawa (CUP) -- Dentists may be able to diagnose acquired immune deficiency syndrome early in its incubancy through simple observations, according to a prominent oral pathologist.

Although symptoms such as weight loss and fatigue arise late in a patient's battle with the fatal disease, the appearance of small lesions on the sides of the tongue could indicate a pre-AIDS condition which usually leads to AIDS, said Jens Pindborg at a news conference Sept. 30.

The presence of whitish lesions, or "hairy" leukoplakia, appears to be unique to pre-AIDS, Pindborg said. Because it is not painful, the lesion could be missed until diagnosis is made during the disease's later stages.

In Ottawa to address the annual meeting of the Canadian Dental Association, Pindborg, a Danish consultant to the World Health Organisation, said dentists must be educated to treat patients with the symptom.

Hysteria among the health care profession and the general public has led to disputes everywhere, including British Columbia, where patients have refused to go to dentists who treat AIDS patients.

Bob Tivey, head of AIDS in Vancouver, said many AIDS patients must go to dentists after work hours in secrecy. "Their (the dentists) names cannot be released because at this point the public is so hysterical that if they found out they wouldn't go to these dentists," Tivey said.

Pindborg said fears of contracting the disease and transmitting it through dental offices are unfounded.

"To be affected, you have to have a massive (intake) of the virus. That is not the case with saliva or tears," Pindborg said. The virus is usually spread through semen and blood, and the disease affects mostly gay men and hemophiliacs.

As well, of all dentists and hygienists who have treated AIDS patients in San Francisco, none have contracted the disease themselves, Pindborg said.

"We can tell (dentists) what is fact and what is fallacy", he said.

John Hardie, an Ottawa specialist and member of the national AIDS advisory committee, said the dental association will attempt to educate Canadian dentists about the disease and how to treat it.

"It's our responsibility to inform our members of all advances in dental care," he said. The CDA devoted a part of its three-day conference to discussing AIDS treatment.

The lesion, first discovered and documented late last fall by John and Deborah Greenspan, two San Francisco researchers, may not appear in all patients who develop AIDS, though.

"It is difficult to say how many patients will have the lesion," Pindborg said. "We are just at the beginning of research that will take several years of follow-ups."

A dentist who discovers the lesion has a medical obligation to a patient, Pindborg said. "The dentist that is suspicious has a responsibility to refer (the patient) to the proper specialist," he said.

While there is still no cure in sight for the disease, an early diagnosis could mean life, rather than death, for an AIDS patient should a cure be found. "Perhaps the earlier we can detect the disease, then the better the chance we can cure it," he said.

John Gushue
Science and Technology
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GOVERNMENT: BOURASSA HAS ENOUGH PROMISES TO GO AROUND

Montreal (CUP)-- Quebec Liberal Leader Robert Bourassa promises to increase bursaries to students in high technology

fields if he is crowned premier in an election expected this fall. He will also maintain a 16-year freeze on tuition fees, give under-30 welfare recipients parity with those over 30, and make loans easier to get for many students.

Bourassa spoke to Canadian University Press before addressing a half-filled hall at McGill University recently.

Bourassa promised to maintain the present freeze on university tuition fees. He agreed education was underfunded, but said the money needed would not come out of students' pockets. At present, Quebec tuition fees - \$570 a year - are the lowest fees in the country and the Quebec government spends more on education per capita than any other province. Fees have not risen since 1969.

"We will find the money", he said. "It is not proper to increase the costs to students when we see all the problems already occurring for youth."

The biggest problem, he said, is jobs.

"I am aware that a great number of English-speaking graduates are forced to leave Quebec. This is sad and quite damaging to the strength of the Quebec economy," he said.

Bourassa proposes substantial increases in bursaries for students going into high technology fields. More help for these high tech industries means more investments and more investments means more jobs, he said.

When asked where this concentration of money left arts and pure sciences, Bourassa said, "This (high technology) is our priority. We have to get our economic system comparable with others and for that industry needs trained and skilled personnel.

"There is no more room in the state to hire them (social science students). During the 60s and early 70s, the government was rapidly causing us problems. We are entering a new economic era and we have to reassess the welfare state."

High technology will not eat up jobs as many fear it will, said Bourassa. He said economic programs similar to what he wants for Quebec have been going on in Switzerland and Norway.

Youth unemployment there is only about two per cent while in Quebec it is in the twenties, Bourassa claimed, "and they don't have the abundance of natural resources and easy access to the biggest market in the world that we do."

Eligibility for bank loans will also be relaxed said Bourassa and they will be granted at very low interest rates. To qualify now a student must be taking a full course load and have been working for two years. "Many youth get married with somebody they don't know in order to qualify," he said.

In some areas where youth unemployment is running at 40 per cent, he said these regional disparities are not taken into account when a student applies for a loan. "We shouldn't penalize students who can't get enough money in the summer to qualify."

Bourassa also promised to give welfare recipients under thirty the same amount of money as those over thirty. Under the Parti Quebecois, youth now on welfare receive \$156 a month while those over thirty get \$430.

"We cannot agree morally, or economically that those under thirty should be discriminated against," he said.

**WANTED: Articles,
Cartoons,
Etc...**

for the next edition!